Public Works (1913) Department.

G.O., No. 2989

DATED 24-5-1913.

The Notes in this G.O. have been printed.

[Despatch Abstract.]

Supply of water under the 4th and 9th branch channels, Periyar System

Recording report from the Superintending Engineer, VI Circle, regarding the ----- called for in connection with Resolution No.3 proposed to be moved at the meeting of the Legislative Council held on 2nd April 1913 which was disallowed.

P. W. 9.
2,000—22-7-10.

Indexed.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

IRRIGATION.

Recd.	1913.	*Enclosures*
Regd.		*Spare copies*

G.O. No. 298 I., 24th May 1913.

Supply of water under the fourth and ninth branch channels, Periyar system.

Recording report from the Superintending Engineer, VI Circle, regarding the — called for in connection with Resolution No. 3 proposed to be moved at the meeting of the Legislative Council held on 2nd April 1913 which was disallowed.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

READ—the following papers :—

I

Official Memorandum No. 559-B/13-1, Revenue, dated 25th March 1913.

A copy of Resolution No. 3 proposed to be moved by the Hon'ble Mr. K. Rama Aiyangar at the Legislative Council meeting to be held on 2nd April 1913 to the effect that instructions be issued for an enquiry being instituted in regard to the adequacy of existing arrangements for the supply of water under the fourth and ninth branch channels under the Periyar system, is forwarded to the Collector of Madura. The Collector is requested to report, not later than the 30th March, how far the existing arrangements for the supply of water under the branch channels referred to are satisfactory and whether any complaints regarding the distribution under them have been received and if so what action has been taken thereon.

L. M. WYNCH,
Ag. Secretary to Government.

To the Collector of Madura, with copy of resolution.

ENCLOSURE.

3. This Council recommends to His Excellency the Governor in Council that instructions be issued for an enquiry being instituted in regard to the adequacy of the existing arrangements for the supply of water under the fourth and ninth Branch channels in particular of the Periyar Irrigation system.

II

Official Memorandum R.O.C. No. 370-I./13, dated 5th April 1913.

A copy of Official Memorandum No. 559 B/13–1, Revenue, dated 25th March 1913, to the Collector of Madura is forwarded to the Superintending Engineer, VI Circle, who is requested to report in what respects, if any, the channels referred to are defective.

(By Order.)

F. E. MORGAN,
Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Superintending Engineer, VI Circle,
with copies of the official memorandum and the resolution.

III

Letter—from the Collector of Madura.
To—the Secretary to Government, Revenue Department.
Dated—the 29th March 1913.
No.—R.O.C. 413/B. & G.

With reference to Government Memorandum No. 559-B/13-1, dated 25th March 1913, I have the honour to report that petitions have been occasionally received in this office from the ryots complaining of the inadequacy of supply in the channels

mostly in the kodai season and they have been forwarded to the Executive Engineer with the request to remedy the grievances as far as possible. For better distribution, the fourth branch channel needs improvement at the head sluice and the Executive Engineer reports that he has addressed the Superintending Engineer on the subject. As regards the ninth branch channel, the Executive Engineer states that this channel has given more or less general satisfaction. For further particulars as to the existing arrangements for distribution, it would need to make a detailed enquiry which will take some time.

IV

Official Memorandum No. 651-B/13-1, Revenue, dated 3rd April 1913.

With reference to his letter R.O.C. No. 413/B. & G., dated 29th March 1913, regarding the adequacy or inadequacy of the existing arrangements of water-supply under the fourth and the ninth branch channels in the Periyar system, the Collector of Madura is informed that there is no need to make any further detailed enquiry.

L. M. WYNCH,
Ag. Secretary to Government.

To the Collector of Madura.

V

Letter—from S. B. MURRAY, Esq., Superintending Engineer, VI Circle.
To—the Chief Engineer for Irrigation.
Dated—Trichinopoly, the 5th May 1913.
No.—701-C.E./655-G.

With reference to your Memorandum R.O.C. No. 370-I./13, dated 5th April 1913, I have the honour to forward herewith a copy of letter No. 544-S.E., dated 28th April 1913, which I have received from the Executive Engineer, Madura division.

2. The supply down the fourth branch channel is sufficient when the main canal is running at ordinary full supply level but during the kodai season, when a diminished supply is being sent down, the water level in front of the fourth branch channel head sluice will not admit of the required supply being sent down the channel. I inspected the head sluice last year, during the kodai season, and I then instructed the Executive Engineer to prepare a plan and estimate for enlarging the head sluice, so that at the reduced water level in the canal the required discharge could be sent down the branch channel; as you will see from the Executive Engineer's letter, this plan and estimate are almost ready.

3. Just below the fourth branch channel head sluice the canal bed is rock, and, after consulting me, the Executive Engineer is, during the present closure, putting in standards across the canal, between which will be put planks during the kodai season, and in this way it is hoped a sufficient head of water will be obtained to get the required discharge down the branch channel. If this is found to work successfully during the next kodai season, the enlargement of the head sluice will not be necessary.

4. The ninth branch channel works satisfactorily in all respects.

ENCLOSURE.

Letter—from V. HART, Esq., Executive Engineer, Madura Division.
To—the Superintending Engineer, VI Circle, Trichinopoly.
Dated—28th April 1913.
No.—544-S.E.

With reference to your No. 3326, dated 12th April 1913, communicating copy of Official Memorandum No. 559-B/13-1, Revenue, dated 25th March 1913, to the Collector, I have the honour to state that the supply in the fourth branch channel not being satisfactory, it is proposed to reconstruct the head sluice for which plan and estimate are under preparation. The vent ways will be provided as instructed in your No. 3158, dated 9th April 1913.

The plan and estimate will be submitted for sanction in the course of a week. I intend, however, postpone the execution for a year as I propose to place cast iron standards in the main canal below the head sluice and to plank between them so as to get more supply through the present head sluice to irrigate the lands. This will only be used during kodai and is an experimental measure and if it proves satisfactory, the construction of the head sluice may be deferred.

With regard to ninth branch channel, I am quite satisfied with the supply given in this channel and consider that no improvement is needed.

Order—No. 298 I., dated 24th May 1913.

Recorded.

(True Extract.)

H. E. CLERK,
Joint Secretary to Government, P.W.D.
(Irrigation Branch)

To the Chief Engineer for Irrigation.
" Superintending Engineer, VI Circle.
" Revenue Department.

Forwarded

(By Order.)

Deputy Registrar.

PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

NOTES CONNECTED WITH G.O. No. 298 I., DATED 24TH MAY 1913.

[SUBJECT.—*Supply of water under the fourth and ninth branch channels, Periyar system.*]

Previous papers :

G.O. No.	71,	*Revenue,*	*dated*	*20th*	*January*	1904.
,,	953	,,	,,	*29th*	*August*	,,
,,	1420	(*Confdl.*) *Revenue,*	*dated*	*31st*	*December*	1904.
,,	20	*Revenue,*	*dated*	*11th*	*January*	1905
,,	1048	,,	,,	*26th*	*October*	,,
,,	1000	,,	,,	*13th*	,,	,,
,,	1262	,,	,,	*26th*	*December*	,,
,,	329	,,	,,	*5th*	*April*	1906.
,,	768	,,	,,	*9th*	*August*	,,
,,	182	,,	,,	*28th*	*January*	1907.
,,	916	,,	,,	*31st*	*March*	1908.
,,	1687	(*Confdl.*) *Revenue,*	*dated*	*16th*	*June*	,,
,,	2975,	*Revenue,*	*dated*	*23rd*	*October*	,,
,,	3140	,,	,,	*17th*	*November*	,,
,,	231	,,	,,	*27th*	*January*	1909.
,,	891	(*Confdl.*) *Revenue,*	*dated*	*31st*	*March*	,,
,,	894	,,	,,	*10th*	*April*	,,
,,	1218,	*Revenue,*	*dated*	*5th*	*May*	,,
,,	2197	,,	,,	*4th*	*July*	1910.
,,	1144	,,	,,	*21st*	*April*	1911.

LEGISLATIVE DEPARTMENT.

[SUBJECT.—*No.* 3 *for meeting of the Legislative Council to be held on the 2nd April* 1913.]

Submitted that two copies of this resolution may be forwarded to the Public Works (Irrigation) Department with reference to No. (1) of the rules regulating Secretariat procedure in dealing with these resolutions in the Legislative Council. That department may be asked to be so good as to report in regard to the admission of the resolution at an early date.

2. A copy of the resolution may also be forwarded to each of the other departments of the Secretariat for information.

C. S. ANANTARAMA AIYAR—17-3-13.

Public Works (Irrigation) Department.

The Hon'ble Mr. K. RAMA AIYANGAR :—

This Council recommends to His Excellency the Governor in Council that instructions be issued for an enquiry being instituted in regard to the adequacy of the existing arrangements for the supply of water under the 4th and 9th branch channels in particular of the Periyar irrigation system.

To the Revenue Department u.o.

REVENUE DEPARTMENT.

Under Secretary—

This resolution will be dealt with in the Public Works Department (Irrigation) and no action is necessary in this department.

B.M.R.—19-3-13.

R.S.—19-3-13.

Secretary—

H. A. WATSON—19-3-13.

Better see if we have any papers in Revenue about these channels. There have been discussions about conversion of wet lands (sold as double crop) to single crop, under them I think.

L. M. WYNCH—19-3-13.

Under Secretary—

In 1907 the late Sir V. Bhashyam Aiyangar complained about the scanty and irregular supply of water by the Public Works Department under the Periyar project and the general lack of facilities afforded for the irrigation of lands classed as double crop under the system.[*] The inadequate supply was attributed partly to the system of irrigation by turns which was introduced in 1907 and partly to the wide distribution of double crop area under the Periyar system. An investigation was made. The Collector of Madura, Mr. Gillman, in reporting on the complaint recommended among other things—

Page 1 of Notes to G.O. No. 1687 (Confidential), dated 16th June 1908.

Paragraph 1 of G.O. *ibid.*

Paragraph 15, page 7 of Notes to the Government Order *ibid.*

(*a*) that the turn system (in the form as it then existed at any rate) should be abolished ; and

(*b*) that the Periyar tract should be divided into assured and non-assured areas (*Vide* pages 3–7 of Notes to G.O. No. 1687 (Confidential), Revenue, dated 16th June 1908).

The Chief Engineer for Irrigation agreed with Mr. Gillman in his proposal (*b*) and the Board considered that the Collector's proposals might be accepted generally and the Collector asked to formulate a detailed scheme for the division of the area into assured and non-assured. In G.O. No. 1687 (Confidential), dated 16th June 1908, the Collector was accordingly directed to submit proposals for carrying out the division of the Periyar ayacut into "assured" and "non-assured" in accordance with the instructions in paragraph 2 of the Government Order.

Note at page 20 of the Notes to Government Order *ibid.*

Page 22 of the notes *ibid.*

In submitting his proposals the Collector, Mr. Gillman, reported "To avoid waste of water and to secure the maximum benefit from the supply available, it is necessary that the lands at the eastern or (Melur) end of the main channel and those at the tail ends of the branch channels should be excluded from the assured area. On this principle, the Executive Engineer has fixed an area of 33,348 acres on which two crops may safely be raised. This area lies wholly in the Madura taluk, and is irrigated by branch *channels Nos.* 1 to 7. The lands at the tail ends of these branch channels and those under the branch channels Nos. 8 to 11 have not been included in this area."

Paragraph 3, page 3 of G.O. No. 891 (Confidential), dated 31st March 1909.

The Collector also proposed to divide the assured area into three compartments, but the Board did not approve of this proposal. The Government passed the following order on the Collector's proposals in G.O. No. 891 (Confidential), dated 31st March 1910 :—

Paragraph 4, page 3 of Government Order *ibid.*

"Upon reconsideration of the instructions contained in paragraph 2 of G.O. No. 1687 (Confidential), dated 16th June 1908, the Government are of opinion that

the use of terms 'assured area' and 'non-assured area' in respect of the area commanded by the Periyar system is misleading and is likely to cause unnecessary difficulties. The use of the terms should therefore be dropped. The area outside which no water should be supplied for kodai crops should, however be definitely fixed. It should include as many as possible of the lands sold as double crop and should be so fixed as to make it practicable to restrict the supply of water to kodai crop rigidly to the land within it. The Government consider that the area which comprises the lands commanded by Branches I-IX *inclusive, with the exception of those commanded by the Papakuai off-take of the ninth branch satisfies the above conditions.* The boundary line of this area is roughly marked in the map accompanying this order; but the exact location of the line will be left to the local officers of the Revenue department and Public Works Department to fix in consultation. The line thus determined *will be tentative until sufficient experience of the new* conditions is acquired to enable Government to decide if it requires modification."

The resolution proposed to be moved by the Hon'ble Mr. Rama Aiyangar is that Government may issue instructions for an enquiry being instituted in regard to the adequacy of existing arrangements for the supply *of water under the fourth and ninth branch channels.* The file may, it is submitted, be sent to Public Works Department (Irrigation). The Collector may also, if thought necessary, be asked to report if there have been any complaints regarding the supply of water under the fourth and ninth channels and how far the existing arrangements for the supply under them are satisfactory. A draft official memorandum is submitted for approval. After the issue of the official memorandum the file may be sent to Public Works Department (Irrigation).

B.M.R.—22-3-13.

R.S.—22-3-13.

Issue the official memorandum please.

2. Make a copy of the notes, send to the press and let me have a copy with a set of the printed Government Orders in this file. A list of the Government Orders to be appended to the note.

3. Then send the file to Public Works Department (Irrigation) who presumably are dealing with the Resolution.

L.M.W.—25-3-13.

Public Works Department (Irrigation) u.o.

PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

Under Secretary—
Joint Secretary—

The resolution has been disallowed. No notes have been prepared in this department. The file may be returned to Revenue.

A.V.S.—27-3-13.

P.K.S.—27-3-13.

F. E. MORGAN—27-3-13.

But has any enquiry been ordered to be made on the subject in the Public Works Department. If not I think the official memorandum below should be communicated to Superintending Engineer and he should be directed to report in what respects, if any, these channels are defective.

H. E. CLERK—28-3-13.

Under Secretary—
Joint Secretary—

No enquiry on this subject has been ordered to be made in this department. With the concurrence of Revenue a copy of the official memorandum may be sent to the Superintending Engineer, VI circle, who may be asked to report in what respects, if any, the channels in question are defective.

A.V.S.—28-3-13.
P.K.S.—28-3-13.

F.E.M.—28-3-13.
H.E.C.—28-3-13.

Revenue Department u.o.

REVENUE DEPARTMENT.

Under Secretary—

This department may, it is submitted, agree to the proposed reference being made as stated above.

B.M.R.—29-3-13.

Secretary—

H.A.W.—29-3-13

Yes.

L.M.W.—29-3-13.

Public Works Department (Irrigation) u.o.

PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

Under Secretary—

A draft official memorandum to Superintending Engineer, VI circle, is submitted which, if approved, may issue.

A.V.S.—3-4-13.
P.K.S.—3-4-13.

F.E.M.—4-4-13

[Official memorandum issued as R.O.C. No. 370 I/13, dated 5th April 1913.]

REVENUE DEPARTMENT.

From the Collector of Madura, No. 413/*B & G., dated* 29*th March* 1913.

Secretary's remarks on the current file—

(1) "Resolution disallowed, I think."
(2) Tell the Collector no need to make further enquiry please.

L.M.W.—31-3-13.

Under Secretary—

It is submitted that the resolution has been disallowed. The note file is in Public Works Department (Irrigation). That department has proposed to make a reference to the Superintending Engineer regarding the adequacy of the existing arrangements of water-supply under the fourth and ninth branch channels under the Periyar system.

A draft official memorandum to the Collector is submitted. After the issue of the official memorandum the file may be transferred to Public Works Department (Irrigation).

B.M.R.—1-4-13.
R.S.—1-4-13.

Secretary—

H.A.W.—1-4-13.

Yes.
Issue.

L.M.W.—2-4-13.

[Issued as Official Memorandum No. 65 B/13-1., dated 3rd April 1913.]

To the Public Works Department (Irrigation) u.o.

PUBLIC WORKS DEPARTMENT
(IRRIGATION BRANCH).

Under Secretary—
Joint Secretary—

Please see the Collector's letter R.O.C. No. 413 B/G., dated 29th March 1913. The Revenue Department have informed him that there is no need to make any further detailed enquiry in the matter as the resolution has been disallowed. Before the papers are recorded, it seems advisable to await the report called for from the Superintending Engineer in Official Memorandum R.O.C. No. 370 I/13, dated 5th April 1913. If no report is received from the Superintending Engineer by the 5th May, he will be reminded.

G.V.—21-4-13.
P.K.S.—21-4-13.

F.E.M.—23-4-13.
H.E.C.—23-4-13.

From the Superintending Engineer, VI Circle, No. 701 *C.E./655-G., dated 5th May* 1913.

Under Secretary—
Joint Secretary—

The Superintending Engineer reports that the ninth branch channel is working satisfactorily and requires no improvement. The supply in the fourth branch channel is stated to be sufficient when the main canal is running at ordinary full supply level, but during the kodai season, the water level in front of the head sluice will not admit of the required supply being sent down. Plans and estimates for enlarging the head sluice have accordingly been prepared, but it is proposed to postpone it for a year till the effect of the proposal to put in cast iron standards across the canal between which planks will be put in the kodai season, is seen. If this is found to work satisfactorily, the enlargement of the head sluice will be unnecessary.

2. The above information was called from the Superintending Engineer in connection with Resolution No. 3 proposed to be moved at the meeting of the Legislative Council held on 2nd April 1913. As the resolution was disallowed, no further action is necessary and the papers may be recorded.

A draft order is put up and may be sent to Revenue department for acceptance.

G.V.—13-5-13.
P.K.S.—13-5-13.

F.E.M.—15-5-13.
H.E.C.—15-5-13.

To the Revenue Department u.o.

REVENUE DEPARTMENT.

Under Secretary—

Please see Secretary's remarks at page 4 above. The draft order may be accepted in this department.

R.S.—16-5-13.

Accepted.

H.A.W.—17-5-13.

To the Public Works Department u.o.

PUBLIC WORKS DEPARTMENT (IRRIGATION BRANCH).

Under Secretary—

The draft order may issue.

A.V.S.– 19-5-13.

Issue.

F.E.M.—19-5-13.

[Issued as G.O. No. 298 I., dated 24th May 1913.]

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

Tabling Abstract.

Supply of water under the 4th and 9th branch channels. Periyar system

Cross References.

Projects
waters & wells.
Legislature.

Recording report from the Supg Engineer VI circle re: the — called for in connection with Resolution No 3 proposed to be moved at the meeting of the Leg. Council held on 2.4.1913 which was disallowed

Read the following:—

Offl memo to the Collector of Madura No 559B/13-1 d/ 25.3.13
Offl memo to the Supg. Engineer, VI circle Roc 3709/13 d/ 5.4.1913
From the Collector of Madura Roc 413 B+9/13 d 29.3.13
Offl memo to — do — No 651 B/13-1 d/ 3.4.13
From the Supg. Engineer, VI circle No 701 CE/655 G d 5.5.13

Circulated to

ORDER—No. 2989, dated 24-5-1913
Press

Recorded.

PKL 13.5.13

[illegible] 13/5/13

[illegible] 15/5/13

To the Chief Engineer for Irgn ✓
" Supg. Engineer, VI circle ✓
" Revenue dept ✓

DES.
12 JUL 1913

Ordinary Printer

Print notes.

2989